

withdraw the appropriate fee under 37 C.F.R. §§1.16 to 1.21 from Arnold, White & Durkee Deposit Account No. 01-2508/STFD/EVE.

Reconsideration in view of the application in view of the following amendments and remarks is respectfully requested.

### **AMENDMENT**

#### **In the Title**

Please change the title to --Substrates Comprising Polynucleotide Microarrays --.

#### **In the Specification**

On page 1, immediately beneath the title of the invention, please insert the following:

-- The United States government may have certain rights in the present invention pursuant to Grant No. HG00450 by the National Institutes of Health. --.

On page 1, line 10, after "1995," please insert -- and now allowed, --.

On page 10, line 5, after "100/cm<sup>2</sup>," please insert -- for example about 400/cm<sup>2</sup>, --.

On page 10, line 8, after "10-500  $\mu$ m," please insert -- for example about 250  $\mu$ m, --.

#### **In the Claims**

Please cancel claims 1-6, without prejudice.

Please amend claims 7, 8 and 17 as follows.

7. (Amended) A substrate with a surface comprising a microarray of DNA sequences, wherein (i) the microarray has a density of [at least] about [100] 400 or more discrete regions of DNA sequences per cm<sup>2</sup> of substrate surface, [and] (ii) the DNA sequences are isolated polynucleotides, (iii) the microarray comprises 400 or more regions, and (iv) each region